

WHAT IS CLAIMED IS:

1. An information recording medium on which grooves and prebits neighboring the groove are formed,

5 wherein the groove comprises an embossed area in which an embossed configuration including pits and spaces of predetermined depths is formed; and

10 wherein the prebit in the embossed area has an optimized configuration according to a length of the pit or the space which the prebit neighbors.

2. The information recording medium according to claim 1, wherein the optimized configuration is prescribed by a prebit shift which indicates a length of the prebit in a perpendicular
15 direction to a direction of the length of the groove and by a depth of the prebit.

3. The information recording medium according to claim 2,

20 wherein the prebit shift is determined to be constant for all the lengths of the pit or the space in the embossed area; and

25 wherein the depth of the prebit is determined according to the length of the pit or the space in the embossed area.

4. The information recording medium according to claim 1, wherein the optimized configuration of the prebit is a configuration with which an RF signal distortion caused by the prebit becomes minimum.

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